

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Horst Haussecker et al.

Assignee: Intel Corporation

Application No.: 10/685,867

Confirmation No.: 6650

Filed: October 14, 2003

Art Unit: 2624

For: MODEL-BASED FUSION OF SCANNING  
PROBE MICROSCOPIC IMAGES FOR  
DETECTION AND IDENTIFICATION OF  
MOLECULAR STRUCTURES

Examiner: B. Q. Le

**PRELIMINARY AMENDMENT**

MS RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated February 28, 2007, finally rejecting claims 1-2, 4-7, 12-13, 24-26 and 28-29, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.